

ABSTRACT

An electrical component having multiple layers includes dielectric layers that are stacked to form a main body, electrodes positioned at intervals between at least some of the dielectric layers, and at least two bumps configured to act as electrical contacts for the electrical component. The bumps are on a surface of the main body. The electrical component also includes contacts in the main body that electrically connect bumps and electrodes. The electrodes define first and second electrode stacks, each of which contacts one of the bumps.